

**Abstract**

The present invention is applied to, for example, a liquid crystal display in which a driving circuit is integrally formed on an insulating substrate, and after a sampling capacitor C3 is charged with a reference current I1 and a gate-source voltage Vgs of a transistor Q14 due to the reference current I1 is set in the sampling capacitor C3, the transistor Q14 is driven to function as a constant current circuit, by the voltage Vgs of the sampling capacitor C3.

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